## ILLUSTRATIONS, Continued--

	Page
	13. Observed and simulated discharge at Oak City, Hamilton, and Williamston for mid-range (May 3-6, 1990) water-level conditions, and at Oak City and Williamston for high (March 14-22, 1991) water-level conditions for model validation
14.	Data-collection sites and model schematization for the Roanoke River between Williamston and Albemarle Sound
15.	Graphs showing observed and model-simulated water levels at Hamilton and at Williamston
16.	Map showing Albemarle Sound data-collection network
17-20.	Boxplots showing:  17. Salinity, near surface and near bottom, at sites 1-5 for early spring conditions, March 1-5, 1991
	18. Salinity, near surface and near bottom, at sites 1, 3, and 5 for late summer conditions, August 6-10, 1990
	19. Dissolved-oxygen concentrations, near surface and near bottom, at sites 1-4 for early spring conditions, March 1-5, 1991
	20. Dissolved-oxygen concentrations, near surface and near bottom, at sites 1, 3, and 5 for late summer conditions, August 6-10, 1990 45
21.	Graphs showing continuous records of near-surface temperature and dissolved-oxygen concentration at mid-depth; site 3, April 1990 46
22.	Graphs showing water levels in Croatan Sound and the Roanoke River at State Highway 45 and U.S. Highway 64 bridges for October 6-9, 1990, and February 1-7, 1991
23.	Map showing western Albemarle Sound computational grid of land- surface elevations